

ABSTRACT

[26] A polymer memory system stores digital data in dipole moments of polymer memory cells. Apparatus is disclosed having polymer memory cells provided within an LCD display chamber. Embodiments provide for a high degree of integration the polymer memory system and a display system by providing polymer memory cells within the chamber. The memory cells may be located in non-viewable regions of the chamber. Thus, the memory cells provide only limited interference with the image-bearing functions of the display (if they interfere at all) but provide an extra dimension of functionality to the display.